Flexible installation, suitable for retrofit and new buildings.

Thanks to its new, modular concept, the outdoor unit can function independently with just an indoor remote control, for those seeking basic functionalities. Homeowners can opt for enhanced functionality by incorporating the more advanced control module or selecting between a Bi-bloc or All in One indoor units.

Available in 120 L,185 L and 260 L DHW tank.

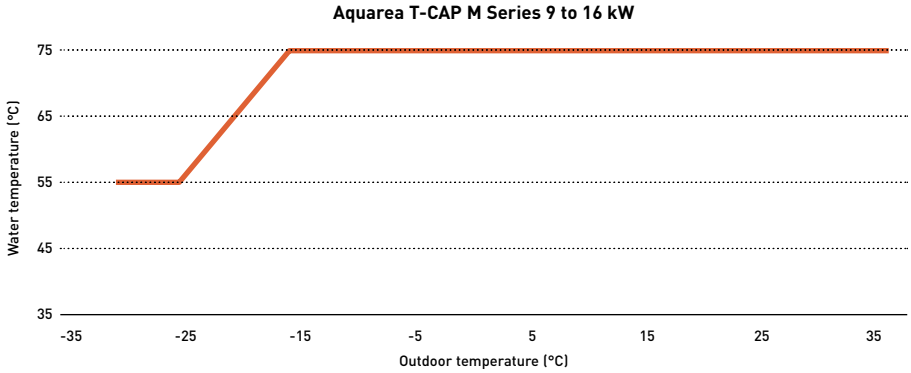


	Remote controller	Control module	Bi-bloc (available from 9 to 16 kW)	All in One (available from 9 to 16 kW)
CN-CNT	✔ (1)	✔ (2)	✔ (2)	✔ (2)
Backup heater	—	Field supply	✔	✔
Expansion vessel (10 L)	—	—	✔	✔
Additional functions	—	CZ-NS7P	CZ-NS6P	CZ-NS6P

Output water. High performance under extreme conditions

Excellent solution for heating system retrofit.
The compressor operates without backup heating down to -28 °C* ambient temperatures, and can be integrated alongside existing radiators with a high-water flow temperature of up to 75 °C at -15 °C outside temperature. Even at -28 °C* outside temperature, it can supply hot water at 55 °C.

*For M Series T-CAP (WH-WXG**). In case of M Series High Performance (WH-WDG**) operation down to -25 °C.



High energy efficiency in heating and domestic hot water

The Aquarea M Series saves energy and significantly reduces operating cost by achieving the highest ErP energy rating. Aquarea M Series can reach a domestic hot water temperature of up to 65 °C without the use of the electric heater, so the tank sterilisation can be performed with the heat pump operation for further energy savings.

*Rating conditions: Heating: Inside air temperature: 20 °C Dry Bulb / Outside air temperature: 7 °C Dry Bulb / 6 °C Wet Bulb. Conditions: Water input temperature: 30 °C / Water output temperature: 35 °C. Energy rating for WH-WXG12ME8.

A+ **ENERGY EFFICIENCY CLASS UP TO A+.**
SCALE FROM A+ TO F.

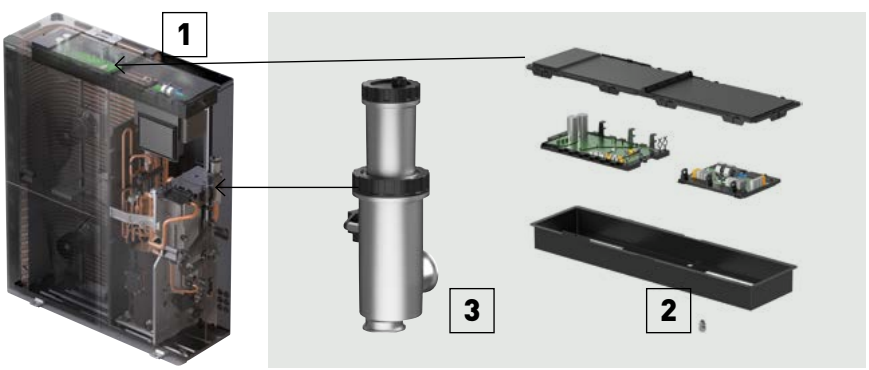
A+++ A++ **ERP 35 °C / 55 °C. ENERGY EFFICIENCY CLASS UP TO A+++/A++.**
SCALE FROM A+++ TO D.

Great serviceability

Cutting-edge outdoor unit design keeps the PCB in a safe and accessible location.

Aquarea M Series safety optimisation.
1 | Non-flammable control box
2 | Power box cable gland with sealed connections
3 | Air/refrigerant separator

*This image applies to 9, 12 and 16 kW.



Check all our certified heat pumps on:
www.heatpumpkeymark.com

Aquarea High Performance		5 kW	7 kW	9 kW	12 kW	16 kW
P. 76 , 78	R290 **All in One · R290 1ph - 3ph**	 WH-ADC0509L3E51 WH-ADC0509L3E5 [1] WH-ADC0509L3E5B WH-ADC0509L3E5AN [1] WH-WDG05LE5	 WH-ADC0509L3E51 WH-ADC0509L3E5 [1] WH-ADC0509L3E5B WH-ADC0509L3E5AN [1] WH-WDG07LE5	 WH-ADC0509L3E51 WH-ADC0509L3E5 [1] WH-ADC0509L3E5B WH-ADC0509L3E5AN [1] WH-WDG09LE5 WH-ADC0316M9E81 WH-ADC0316M9E82 WH-ADC0316M9E8AN2 WH-ADC0316M9E83 WH-ADC0316M9E8AN3 **NEW!** WH-WDG09ME8	 WH-ADC0916M3E51 WH-ADC0916M3E52 [1] WH-ADC0916M3E5AN2 WH-ADC0916M3E53 [1] WH-ADC0916M3E5AN3 WH-ADC0316M9E81 WH-ADC0316M9E82 WH-ADC0316M9E8AN2 WH-ADC0316M9E83 WH-ADC0316M9E8AN3 **NEW!** WH-WDG12ME5 WH-WDG12ME8	 WH-ADC0916M3E51 WH-ADC0916M3E52 [1] WH-ADC0916M3E5AN2 WH-ADC0916M3E53 [1] WH-ADC0916M3E5AN3 WH-ADC0316M9E81 WH-ADC0316M9E82 WH-ADC0316M9E8AN2 WH-ADC0316M9E83 WH-ADC0316M9E8AN3 **NEW!** WH-WDG16ME5 WH-WDG16ME8
P. 76 , 78	R290 **Bi-bloc · R290 1ph - 3ph**	 WH-SDC0509L3E5 [1] WH-WDG05LE5	 WH-SDC0509L3E5 [1] WH-WDG07LE5	 WH-SDC0509L3E5 [1] WH-WDG09LE5 WH-SDC0916M3E5 [1] WH-SDC0316M9E8 **NEW!** WH-WDG09ME8	 WH-SDC0916M3E5 [1] WH-SDC0316M9E8 **NEW!** WH-WDG12ME5 WH-WDG12ME8	 WH-SDC0916M3E5 [1] WH-SDC0316M9E8 **NEW!** WH-WDG16ME5 WH-WDG16ME8
P. 78	R290 **Control module · R290 1ph - 3ph**			 WH-CME8 **NEW!** WH-WDG09ME8	 WH-CME5 WH-CME8 **NEW!** WH-WDG12ME5 WH-WDG12ME8	 WH-CME5 WH-CME8 **NEW!** WH-WDG16ME5 WH-WDG16ME8
P. 78	R290 **Stand-alone · R290 [2] 1ph - 3ph**			 **NEW!** WH-WDG09ME8	 **NEW!** WH-WDG12ME5 WH-WDG12ME8	 **NEW!** WH-WDG16ME5 WH-WDG16ME8
P. 81	**Mono-bloc · R32 1ph**	 **NEW!** WH-MDC05J3E5-1	 **NEW!** WH-MDC07J3E5-1	 **NEW!** WH-MDC09J3E5-1		

Models with R290 refrigerant. Models with R32 refrigerant.
1) Also available with other backup heater capacities. 2) Requires CZ-RTW2TAW1C.
WH-__E5 1ph // WH-__E8 3ph.

NEW

NEW! Aquarea High Performance Hydraulic M Series outdoor units. Single phase · R290

Natural refrigerant R290 with GWP 0,02.
Energy efficiency: A+++ in heating at 35 °C.
Flexibility: Hydronic connection between indoor and outdoor / Built-in magnetic water filter.
Comfort: Operation without backup heating at -25 °C / 75 °C water outlet temperature maximum at -15 °C outside temperature / 55 °C hot water even at -25 °C outside temperature.



A++ ERP 55 °C A+++ TO D
A+++ ERP 35 °C A+++ TO D
A+ DHW* A+ TO F
*For All in One.
Included

Combination table						Outdoor unit				
Indoor unit						Heating capacity				
						Single phase		Three phase		
		DHW tank	Backup heater capacity	Electrical anode		12,0 kW	16,0 kW	9,0 kW	12,0 kW	16,0 kW
						WH-WDG12ME5	WH-WDG16ME5	WH-WDG09ME8	WH-WDG12ME8	WH-WDG16ME8
Hydraulic All in One	1ph	120 L	3 kW	—	WH-ADC0916M3E51	✔	✔	—	—	—
		185 L	3 kW	—	WH-ADC0916M3E52	✔	✔	—	—	—
		185 L	3 kW	✔	WH-ADC0916M3E5AN2	✔	✔	—	—	—
		185 L	6 kW	—	WH-ADC0916M6E52	✔	✔	—	—	—
		260 L	3 kW	—	WH-ADC0916M3E53	✔	✔	—	—	—
		260 L	3 kW	✔	WH-ADC0916M3E5AN3	✔	✔	—	—	—
		260 L	6 kW	—	WH-ADC0916M6E53	✔	✔	—	—	—
	3ph	120 L	9 kW	—	WH-ADC0316M9E81	✔	✔	✔	✔	✔
		185 L	9 kW	—	WH-ADC0316M9E82	✔	✔	✔	✔	✔
		185 L	9 kW	✔	WH-ADC0316M9E8AN2	✔	✔	✔	✔	✔
		260 L	9 kW	—	WH-ADC0316M9E83	✔	✔	✔	✔	✔
		260 L	9 kW	✔	WH-ADC0316M9E8AN3	✔	✔	✔	✔	✔
Hydraulic Bi-bloc	1ph	—	3 kW	—	WH-SDC0916M3E5	✔	✔	—	—	—
		—	6 kW	—	WH-SDC0916M6E5	✔	✔	—	—	—
	3ph	—	9 kW	—	WH-SDC0316M9E8	✔	✔	✔	✔	✔
Control module	1ph	—	—	—	WH-CME5	✔	✔	—	—	—
	3ph	—	—	—	WH-CME8	✔	✔	✔	✔	✔
Remote controller with Wi-Fi adapter	—	—	—	—	CZ-RTW2TAW1C	✔	✔	✔	✔	✔

Outdoor unit			WH-WDG12ME5	WH-WDG16ME5	WH-WDG09ME8	WH-WDG12ME8	WH-WDG16ME8
Heating capacity / COP (A +7 °C, W 35 °C)		kW / COP	12,00/4,88	16,00/4,65	9,00/5,10	12,00/4,88	16,00/4,65
Heating capacity / COP (A +7 °C, W 55 °C)		kW / COP	12,00/3,06	14,70/3,00	9,00/3,10	12,00/3,06	14,70/3,00
Heating capacity / COP (A +2 °C, W 35 °C)		kW / COP	12,00/3,46	13,00/3,30	9,00/3,81	12,00/3,46	13,00/3,30
Heating capacity / COP (A +2 °C, W 55 °C)		kW / COP	12,00/2,27	12,00/2,27	9,00/2,52	12,00/2,27	12,00/2,27
Heating capacity / COP (A -7 °C, W 35 °C)		kW / COP	10,50/3,00	11,70/2,63	9,00/3,16	10,50/3,00	11,70/2,63
Heating capacity / COP (A -7 °C, W 55 °C)		kW / COP	10,00/1,97	10,80/1,90	9,00/2,07	10,00/1,97	10,80/1,90
Cooling capacity / EER (A 35 °C, W 7 °C)		kW / EER	9,00/3,61	9,00/3,61	9,00/3,61	9,00/3,61	9,00/3,61
Cooling capacity / EER (A 35 °C, W 18 °C)		kW / EER	9,00/5,26	9,00/5,26	9,00/5,26	9,00/5,26	9,00/5,26
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_s %)	4,65/3,50(183/137)	4,58/3,58(180/140)	4,84/3,57(191/140)	4,65/3,58(183/140)	4,58/3,58(180/140)
	Energy class [1]	A+++ to D	A+++/A++	A+++/A++	A+++/A++	A+++/A++	A+++/A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_s %)	6,20/4,34(245/171)	6,20/4,34(245/171)	6,01/4,17(237/164)	6,20/4,34(245/171)	6,20/4,34(245/171)
	Energy class [1]	A+++ to D	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_s %)	4,35/3,26(171/127)	4,30/3,26(169/127)	4,23/3,12(166/122)	4,35/3,26(171/127)	4,30/3,26(169/127)
	Energy class [1]	A+++ to D	A++/A++	A++/A++	A++/A+	A++/A++	A++/A++
Sound power [2]	Heat	dB(A)	55	58	54	55	58
Dimension / Net weight	H x W x D	mm / kg	1520x1200x370/147	1520x1200x370/147	1520x1200x370/151	1520x1200x370/151	1520x1200x370/151
Pipe length range standard / maximum		m	5/30	5/30	5/30	5/30	5/30
Elevation difference (in / out)		m	30	30	30	30	30
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed	Variable speed	Variable speed
	Input power (Min/Max)	W	30/175	30/175	30/175	30/175	30/175
Heating water flow (ΔT=5 K. 35 °C)		L/min	34,4	45,9	25,8	34,4	45,9
Refrigerant (R290) / CO_2 Eq. [3]		kg / T	1,58/0,00003	1,58/0,00003	1,58/0,00003	1,58/0,00003	1,58/0,00003
Operating range - outdoor ambient	Heat	°C	-25~+35	-25~+35	-25~+35	-25~+35	-25~+35
	Cool	°C	+10~+43	+10~+43	+10~+43	+10~+43	+10~+43
Water outlet	Heat [4] / Cool	°C	25~75/5~20	25~75/5~20	25~75/5~20	25~75/5~20	25~75/5~20
Recommended fuse, supply [5]		A	32	32	20	20	20
Recommended minimum cable size, supply [5]		mm²	3x4,0	3x4,0	5x1,5	5x1,5	5x1,5

1) Scale from A+++ to D. 2) Sound power level in accordance to EN 12102 under conditions of the EN14825 (part load). 3) WH-WDG models are hermetically sealed. 4) Water outlet up to 75 °C above -15 °C outdoor. Between outdoor ambient -15 °C and -25 °C, the water outlet temperature gradually decreases from 75 °C to 55 °C. 5) Check local regulations. **EER and COP calculation is based in accordance to EN 14511.

R290 REFRIGERANT · A++ ErP 55 °C · A+++ ErP 35 °C · A+ DHW · INVERTER+ · A CLASS WATER PUMP AUTO SPEED · DHW · -25 °C HEATING MODE · WATER FILTER WITH MAGNET · 75 °C OUTPUT WATER FLOW TEMPERATURE · FLOW SENSOR · BOILER CONNECTION · WI-FI INCLUDED · BMS CONNECTIVITY · 5 YEARS COMPRESSOR WARRANTY

DHW A+: For All in One.

Aquarea High Performance Hydraulic M Series indoor units. Single phase · R290

Natural refrigerant R290 with GWP 0,02.
Control: All control functions / 2 CN-CNT ports / Optional PCB for advanced functions.
Connectivity: Wi-Fi adapter included for smart control via Comfort Cloud App / Optional integration into BMS.



A++ ERP 55 °C A+++ TO D

A+++ ERP 35 °C A+++ TO D

Included

Bi-bloc:

Flexibility: Flexible choice of DHW tank size.

Indoor unit			WH-SDC0916M3E5	WH-SDC0916M6E5	WH-SDC0316M9E8
Sound pressure	Heat / Cool	dB(A)	22/22	22/22	22/22
Dimension / Net weight	H x W x D	mm / kg	892 x 500 x 348 / 28	892 x 500 x 348 / 28	892 x 500 x 348 / 29
Water pipe connector	Room	Inch	1¼	1¼	1¼
Water pipe connector (indoor / outdoor units)		Inch	1¼ / 1¼	1¼ / 1¼	1¼ / 1¼
Electric backup heater		kW	3,00	6,00	9,00
Recommended fuse, supply [1]		A	15/16	30	20
Recommended minimum cable size, supply [1]		mm²	3x1,5	3x4,0	5x1,5
Connecting cable to the outdoor unit size		mm²	2x0,75	2x0,75	2x0,75

1) Check local regulations. *This product is designed to comply with the European drinking water standard (EU) 2020/2184. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility.

Control module:

Flexibility: Simplified installation / Minimal interior space required / Supports third-party backup heater.

Indoor unit			WH-CME5	WH-CME8
Dimension / Net weight	H x W x D	mm / kg	454 x 520 x 116 / 7	454 x 520 x 116 / 7
Field supply electrical backup heater		kW	Up to 3 kW	Up to 9 kW
Recommended fuse, supply [1]		A	16	30
Recommended minimum cable size, supply [1]		mm²	3x1,5	3x4,0
Connecting cable to the outdoor unit size		mm²	2x0,75	2x0,75

1) Check local regulations.

Accessories	
CZ-RTW2TAW1C	Remote controller with Wi-Fi adapter (required for stand-alone outdoor units). M Series
CZ-RTW2-1	Optional remote controller for 2 zone control. M Series
CZ-NS6P	PCB for advanced functions. M Series All in One and Bi-bloc
CZ-NS7P	PCB for advanced functions. M Series control module
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIRELESS	Wireless LCD room thermostat
PAW-A2W-AFVLV-1	1 antifreeze valve 1". It is required to order 2 valves per system

Accessories	
CZ-NV3	3 way valve kit to fit inside the hydrokit. M Series
PAW-TD20C1E5-1	Tank 200 L - Stainless steel
PAW-TD30C1E5-1	Tank 300 L - Stainless steel
PAW-TA20C1E5STD	Tank 200 L - Enamelled
PAW-TA30C1E5STD	Tank 300 L - Enamelled
PAW-3WYVLV-HW	3 way valve for DHW tanks
PAW-BTANK50L-2	Buffer tank 50 L
PAW-BTANK100L	Buffer tank 100 L
PAW-BTANKG200L	Buffer tank 200 L
PAW-BTANKG260L	Buffer tank 260 L

Heating and cooling capacity tables

Based on outlet temperature and outside temperature.

Aquarea High Performance Hydraulic L Series. Single phase · R290

WH-WDG05LE5															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75
-25	2,45	1,76	1,39	3,80	2,30	1,65	3,60	2,46	1,46	—	—	—	—	—	—
-20	4,70	2,19	2,15	4,50	2,37	1,90	4,25	2,57	1,65	—	—	—	—	—	—
-15	5,00	1,94	2,58	5,00	2,31	2,16	5,00	2,63	1,90	4,60	2,88	1,60	—	—	—
-7	5,00	1,66	3,01	5,00	1,94	2,58	5,00	2,36	2,12	5,00	2,62	1,91	4,30	2,87	1,50
2	5,00	1,42	3,52	5,00	1,71	2,92	5,00	2,14	2,34	5,00	2,54	1,97	4,60	2,76	1,67
7	5,00	0,99	5,05	5,00	1,27	3,94	5,00	1,63	3,07	5,00	2,03	2,46	4,70	2,57	1,83
WH-WDG07LE5															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75
-25	4,75	2,53	1,88	4,30	2,66	1,62	3,95	2,78	1,42	—	—	—	—	—	—
-20	5,50	2,56	2,15	5,10	2,75	1,85	4,90	2,97	1,65	—	—	—	—	—	—
-15	6,00	2,50	2,40	5,50	2,60	2,12	5,20	2,89	1,80	4,80	3,00	1,60	—	—	—
-7	5,80	1,93	3,01	5,80	2,32	2,50	5,80	2,74	2,12	5,70	3,16	1,80	4,80	3,56	1,35
2	6,85	2,00	3,43	6,60	2,34	2,82	6,25	2,67	2,34	5,60	2,80	2,00	5,00	3,13	1,60
7	7,00	1,42	4,93	7,00	1,90	3,68	7,00	2,35	2,98	6,60	2,85	2,32	6,30	3,40	1,85
WH-WDG09LE5															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75
-25	6,05	3,43	1,76	5,25	3,28	1,60	4,65	3,15	1,48	—	—	—	—	—	—
-20	7,00	3,56	1,97	6,20	3,50	1,77	5,60	3,43	1,63	—	—	—	—	—	—
-15	7,40	3,20	2,31	6,80	3,40	2,00	6,30	3,55	1,77	5,60	3,55	1,58	—	—	—
-7	7,00	2,50	2,80	7,00	2,98	2,35	7,00	3,29	2,13	6,50	3,53	1,84	5,40	3,56	1,52
2	7,00	2,05	3,41	7,00	2,50	2,80	7,00	2,90	2,41	6,70	3,35	2,00	5,70	3,40	1,68
7	9,00	1,98	4,55	9,00	2,58	3,49	8,90	2,94	3,03	8,90	3,56	2,50	7,30	3,56	2,05

Aquarea High Performance Hydraulic L Series. Single phase · R290

WH-WDG05LE5									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	6,00	1,01	5,94	7,50	1,05	7,14	6,00	0,67	8,96
25	5,70	1,20	4,75	7,00	1,20	5,83	5,70	0,78	7,31
35	5,00	1,55	3,23	6,30	1,44	4,38	5,00	1,00	5,00
43	4,50	1,60	2,81	5,60	1,64	3,41	4,50	1,12	4,02
WH-WDG07LE5									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	7,00	1,36	5,15	8,50	1,39	6,12	8,00	1,04	7,69
25	7,00	1,65	4,24	8,00	1,57	5,10	7,50	1,18	6,36
35	7,00	2,31	3,03	8,00	2,26	3,54	7,00	1,48	4,73
43	6,00	2,50	2,40	7,00	2,60	2,69	5,70	1,70	3,35
WH-WDG09LE5									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	9,00	2,00	4,50	11,00	2,12	5,19	11,00	1,80	6,11
25	9,00	2,50	3,60	11,00	2,60	4,23	10,00	1,85	5,41
35	8,20	2,91	2,82	10,00	3,10	3,23	9,00	2,15	4,19
43	6,40	2,67	2,40	7,40	2,70	2,74	8,20	2,50	3,28

Tamb: Ambient Temperature (°C). LWC: Leaving Water Condenser Temperature (°C). HC: Heating Capacity (kW). CC: Cooling Capacity (kW). IP: Input Power (kW).
This data is measured by Panasonic in accordance with EN 14511-2 standard. This data is for reference purpose only, and does not guarantee the performance.

Aquarea High Performance Hydraulic M Series. Single phase · R290

WH-WDG12ME5															
Tamb	**HC**	**IP**	**COP**	**HC**	**IP**	**COP**	**HC**	**IP**	**COP**	**HC**	**IP**	**COP**	**HC**	**IP**	**COP**
LWC	**35**	**35**	**35**	**45**	**45**	**45**	**55**	**55**	**55**	**65**	**65**	**65**	**75**	**75**	**75**
-25	7,20	3,85	1,87	7,10	4,68	1,52	7,10	5,68	1,25	—	—	—	—	—	—
-20	8,10	3,85	2,10	7,80	4,49	1,74	7,80	5,21	1,50	7,35	6,40	1,15	—	—	—
-15	9,40	3,78	2,49	9,00	4,44	2,03	8,80	5,20	1,69	8,60	6,40	1,34	6,40	6,20	1,03
-7	10,50	3,50	3,00	10,20	4,43	2,30	10,00	5,08	1,97	9,80	6,40	1,53	7,90	6,40	1,23
2	12,50	3,71	3,37	12,00	4,35	2,76	12,00	5,29	2,27	11,00	6,20	1,77	9,00	6,20	1,45
7	14,80	3,14	4,71	14,20	3,88	3,66	14,10	4,67	3,02	12,90	5,56	2,32	11,00	6,40	1,72
WH-WDG16ME5															
Tamb	**HC**	**IP**	**COP**	**HC**	**IP**	**COP**	**HC**	**IP**	**COP**	**HC**	**IP**	**COP**	**HC**	**IP**	**COP**
LWC	**35**	**35**	**35**	**45**	**45**	**45**	**55**	**55**	**55**	**65**	**65**	**65**	**75**	**75**	**75**
-25	8,30	4,68	1,77	7,55	5,05	1,50	7,15	5,70	1,25	—	—	—	—	—	—
-20	9,00	4,36	2,06	8,45	4,92	1,72	8,20	5,57	1,47	7,35	6,40	1,15	—	—	—
-15	10,50	4,38	2,40	9,90	4,95	2,00	9,30	5,57	1,67	8,60	6,40	1,34	6,40	6,20	1,03
-7	11,70	4,45	2,63	11,30	5,14	2,20	10,80	5,68	1,90	9,80	6,40	1,53	7,90	6,40	1,23
2	13,00	3,94	3,30	12,20	4,45	2,74	12,00	5,29	2,27	11,00	6,20	1,77	9,00	6,20	1,45
7	16,00	3,44	4,65	16,00	4,51	3,55	14,70	4,90	3,00	14,70	6,40	2,30	11,00	6,40	1,72

Aquarea High Performance Hydraulic M Series. Single phase · R290

WH-WDG12ME5									
Tamb	**CC**	**IP**	**EER**	**CC**	**IP**	**EER**	**CC**	**IP**	**EER**
LWC	**7**	**7**	**7**	**14**	**14**	**14**	**18**	**18**	**18**
16	12,50	2,40	5,21	16,00	2,55	6,27	13,50	1,64	8,23
25	12,00	2,88	4,17	16,00	3,04	5,26	13,00	1,77	7,34
35	12,00	3,70	3,24	15,00	3,90	3,85	12,00	2,40	5,00
43	10,50	4,08	2,57	13,00	4,08	3,19	11,00	2,76	3,99
WH-WDG16ME5									
Tamb	**CC**	**IP**	**EER**	**CC**	**IP**	**EER**	**CC**	**IP**	**EER**
LWC	**7**	**7**	**7**	**14**	**14**	**14**	**18**	**18**	**18**
16	12,50	2,40	5,21	16,00	2,55	6,27	17,50	2,36	7,42
25	12,00	2,88	4,17	16,00	3,04	5,26	16,70	2,66	6,28
35	14,00	4,38	3,20	17,00	4,52	3,76	15,50	3,27	4,74
43	10,50	4,08	2,57	13,00	4,08	3,19	13,80	3,77	3,66

Tamb: Ambient Temperature (°C). LWC: Leaving Water Condenser Temperature (°C). HC: Heating Capacity (kW). CC: Cooling Capacity (kW). IP: Input Power (kW).
This data is measured by Panasonic in accordance with EN 14511-2 standard. This data is for reference purpose only, and does not guarantee the performance.